Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Saturday 16 Jan 2021 until 23:59 on Sunday 17 Jan 2021

Forecast Issued on Saturday 16 Jan 2021 at 03:18

Confidence: High for Saturday and Sunday. Low for extent of any rain on Monday. High for wet weather on Tuesday.

Headline for Saturday 16 Jan 2021: Occasional showers until mid-afternoon.

Mountain weather hazards on Saturday 16 Jan 2021

Blizzards
Low Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Light rain	Heavy Rain	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
>95%	40%	40%	30%	30%	10%

Forecast for Saturday 16 Jan 2021

Weather: Rain and summit snow quickly clearing from the west this morning. Then rather cloudy with occasional rain showers, but becoming mostly dry with clearing skies from mid-afternoon.

Chance of cloud free mountain/hill tops above 800m: 10-20% with bases broken to extensive from 450-650m, becoming 60% from late afternoon as bases lift and break.

Visibility: Dipping briefly in showers, othewise good outside of cloud cover

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Saturday 16 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	49/58 S	33/39 W	36/45 W	41/52 W	38/48 W	35/45 W	35/45 W
600	40/52 S	26/35 W	29/39 W	32/45 W	29/41 W	28/39 W	28/40 W
300	8/32 S	9/28 W	11/32 W	14/37 NW	12/34 W	12/32 W	13/33 W
Valley	5/26 SE	8/25 W	11/30 W	12/32 W	10/29 W	11/28 W	12/29 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-0/-10	2/-6	1/-7	0/-9	-1/-10	-1/-10	-2/-11
600	0/-8	3/-3	3/-4	3/-5	2/-6	1/-6	0/-7
300	2/-2	5/2	5/1	5/1	4/-0	3/-1	3/-2
Valley	4/2	6/4	7/4	7/4	6/3	6/2	5/1
Freezing Level*	700m	1100m	1200m	900m	800m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Forecast for Sunday 17 Jan 2021

Weather: Mainly dry with some sunshine, an isolated shower across the Western Fells until late morning, wintry on the tops.

Maximum wind: West 30-35mph at first with gusts reaching 50mph. Winds gradually easing from mid-morning.

Chance of cloud free mountain/hill tops above 800m: 80% with bases lowering across the summits as showers pass through.

Visibility: Very good

Temperature: **Valleys:** Minus 1 rising to 7 Celsius in the afternoon
At 800m: Minus 1 Celsius
Freezing level: 700m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Ground Conditions Supplement

Date: Friday 15 January Location: Helvellyn summit at 12:01 Temperature: minus 4.4C Maximum wind speed 21.6mph Wind chill: minus 14.1C Average wind speed: 19.7mph Full report: We are continuing to provide the Fell Top Reports for people undertaking their daily local exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should only exercise locally, not leaving the village, town, or city where they live. It was a fine day in the fells today with a cloud inversion blanketing large areas in the south of the national park. The snow level was around 300m and it remained sub-zero throughout the day from this altitude upwards. Snow depth increases with height and was typically around boot deep above 700m in areas where it wasn't affected by the wind. Drifts up to one metre deep are not uncommon. Older snow and ice also lies underneath the new snow, typically on high, steep ground in the north and east-facing corries. Almost all of the snow that fell yesterday is dry and unconsolidated making it very susceptible to wind transportation and this was happening at almost all levels on fresh to strong southwesterly winds. As a result, many slopes exposed to these winds were becoming scoured today and the snow was being redistributed on opposite north through east-facing slopes. Pockets of very unstable windslab have formed on many different aspects, typically along ridge flanks and around corrie rims where cornices are also building. A small avalanche was witnessed today on the Helvellyn headwall which would have been large enough to take you off your feet. Swirral and Striding edge are both in full winter condition and require a lot of care and good judgement. Anyone attempting these, or similar steep, exposed routes should only do so if they have sufficient winter mountaineering experience and equipment including an ice axe and crampons. With summit windchill around minus 14°C today, full winter clothing including waterproofs, extra warm layers, hat & gloves, mountain boots, as well as a map and compass, headtorch and survival blanket are all essential for anyone heading out onto the fells. With all the loose snow blowing around, goggles are also recommended. Microspikes and poles are also very useful. Please be conservative with your plans and know your limits.

Issued at: 03:18 on Sat 16 Jan 2021

(C) Crown Copyright 2021. All Rights Reserved